

Quarterly Total Trihalomethane

Applicability

This form currently only applies to community and non transient non-community surface water & groundwater under the influence of surface water systems (surface water systems) that serve a population of at least 10,000. The form replaces the old BSDW –01 “Quarterly trihalomethane (THM) Input Form”.

The first report is due by April 10th 2002 and covers the first three months of 2002

After January 2004 the form will apply to ALL community and non transient non-community water systems.

Notes

Separate forms are required for each set of four samples per treatment plant.

In the Sample Results Section.

Sample one shall be a maximum residence time sample for the relevant treatment plant.

For each sample in turn enter the:

- Location Address in Column B (two lines for each sample).
- The sample date in column C
- The date the sample was analyzed in column D.
- In column E whether the location is Maximum Residence time = M or other distribution sample = D.
- Enter the four THM sample results in µg/l in columns F, G, H, & I. Note if the result is “non detect” then enter “<” in the narrow column.
- The excel file version auto calculates the sum of the individual THM’s, and assumes that samples with “<” are equivalent to 0.0 and enters the result in column J. Otherwise manually calculate the sum of the individual THM’s for each sample and enter.
- The excel version calculates the “THM4 total this page” otherwise manually calculate and enter

If you are required to report more than one set of four samples than enter them on additional sheets however on ONE sheet of the set enter:

- The total number of samples recorded on the ADDITIONAL sheets.
- The total or sum of all those THMs’s results.
- The excel file version will then calculate the:
 - “Total number of samples taken this quarter”;
 - “Grand Total of THM4s from all sheets”;
 - “Quarterly THM4 Average”.

Otherwise manually calculate these and enter the results.

In the Compliance Determination Section

- Enter the relevant quarters and year and enter the Quarterly THM4 Average for the last four quarters. The excel version enters the current quarter for you.
- The excel version then calculates the Running Annual Average of these four quarterly results and if exceeding 80µg/l the “Out of Compliance” box will be checked. Otherwise manually calculate the average and check the box if appropriate.